

Fig. 1

Figure 2

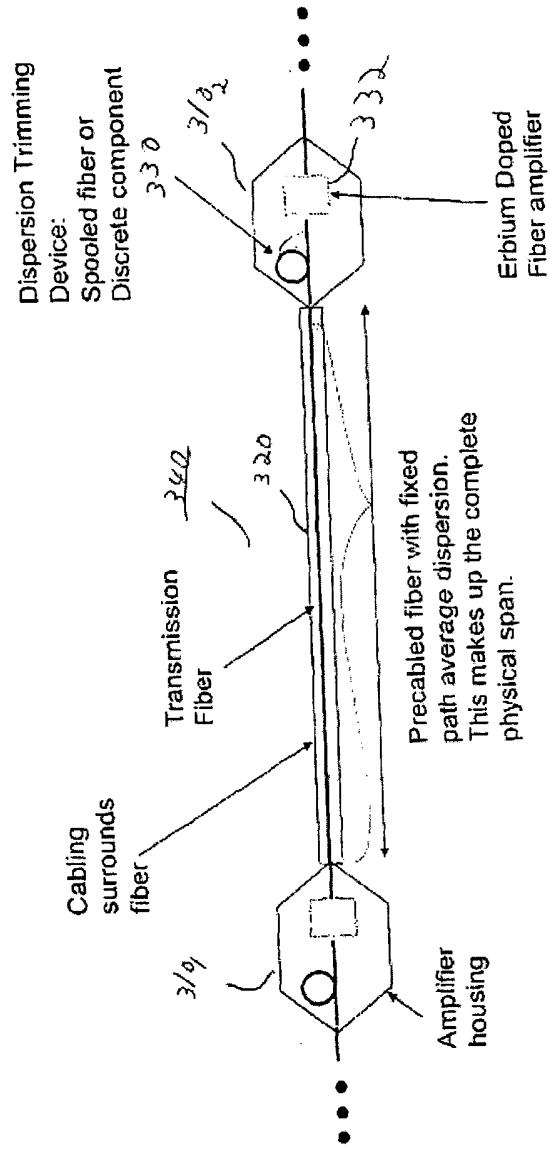
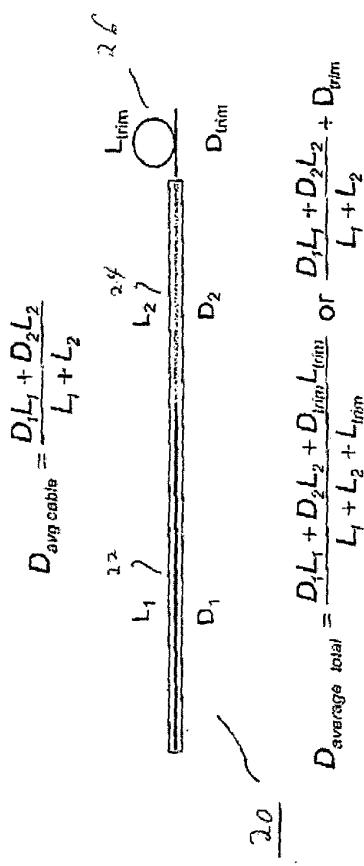
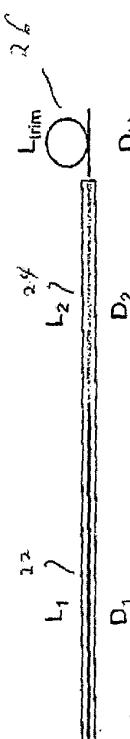


Figure 3



$$D_{avg\ cables} = \frac{D_1 L_1 + D_2 L_2}{L_1 + L_2}$$



$$D_{average\ total} = \frac{D_1 L_1 + D_2 L_2 + D_{trim} L_{trim}}{L_1 + L_2 + L_{trim}} \text{ or } \frac{D_1 L_1 + D_2 L_2}{L_1 + L_2} + D_{trim}$$

Where D_{trim} is the group delay (ps/nm) of a discrete device

Note: L_2 can be 0

Amplifier Design for Complex Dispersion Maps

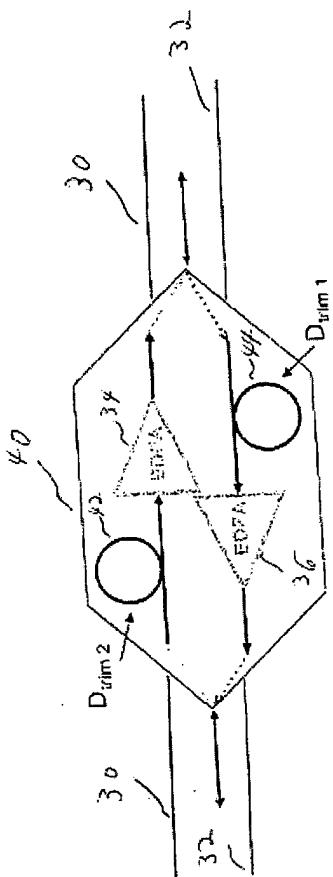


Figure 4